

A0000166-01-MG

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

APPLICANT : JASON PETER BROWN, ET AL. EXAMINER : MICHAEL D PAK
SERIAL NO : 09/397,548 ART UNIT : 1646
FILED : SEPTEMBER 16, 1999 PAPER NO : 14
FOR : PORCINE ALPHA2DELTA-1 CALCIUM CHANNEL SUBUNIT cDNA
AND SOLUBLE SECRETED ALPHA2DELTA-1 SUBUNIT FOR
POLYPEPTIDES

15/B
1293
10/16/02

AMENDMENT AND RESPONSE

October 9, 2002

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

This paper is responsive to the Final Office Action dated April 9, 2002. A Request for Continued Examination (RCE) is submitted herewith. Please enter the amendments set forth below. No new matter is introduced by way of this submission. Reconsideration of the captioned application in light of these amendments and the following remarks is respectfully requested.

IN THE CLAIMS:

Please cancel Claims 14 and 16-20 without disclaimer or prejudice.

Please enter new Claims 21-25 as follows:

B¹
--21) A purified or isolated recombinant polypeptide comprising a secreted soluble $\alpha_2\delta$ -1 subunit polypeptide and a tag, wherein the amino acid sequence of said secreted soluble $\alpha_2\delta$ -1 polypeptide is an amino acid sequence selected from the group consisting of SEQ ID NO:15; SEQ ID NO:16; and SEQ ID NO: 17.